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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete if Known										
Application Number	09/517,981										
Filing Date	March 3, 2000										
First Named Inventor	Michael B. Cooper										
Group Art Unit	3738										
Examiner Name	Not Yet Assigned										
Attorney Docket Number	P01952US0/10004751										

			U.S. PATENT DOCUMENT	S	
Examiner	Cite	U.S. Patent Documen	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Initials*	No.1	Kind Co Number <i>(if know</i>		Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
BP		5,385,887	Kalvin W.K. Yim et al.	01-31-1995	
1		5,433,777	Michael Q. Sheppard	07-18-1995	
1		5,919,493	Michael Q. Sheppard et al.	07-06-1999	,
U		6,180,606 B1	Charles C. Chen et al.	01-30-2001	
BO		6,183,515 B1	Joel W. Barlow et al.	02-06-2001	

				FOREI	GN PATENT DOCUMENTS	, ,		
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Examiner Initials*	Cite No.1	Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Te
(B)		wo	96/39203		Steven R. Jefferies	12-12-1996		
BC		WO	96/40432		Michael Q. Sheppard	12-19-1996		
BP		WO	00/30568		Joseph Yaccarino	06-02-2000		

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Examiner Signature	Dian Pelleguno	Date Considered 1/30 /02	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached

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<u></u>		В.	_				ology,	Inc.; 510(k)	Summary of Safety and Efficacy ((5/6/96).			
		C.	J. Ba	rralet	; High	Dens	ity Gyp	sum Bone S	Substitute; Abstract from Smith +Ne	phew.			
		D.							ials, Vol. 1; CRC Press, Ed. D. F. W	illiams; de	Groot, K., Cl	napter 7 De	egradable
		E.						p. 199 (193 7/B023/SC;	Wright Medical Technology, Inc.; E	one Graft	Substitute An	alysis.	
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V		G.							bstitute in the Mandible of Dogs; J.				
Br	၁	H.			Noah I	R. and	Black	edge, G. T.;	Plaster of Paris Implants in the Man	dible of D	ogs; Quart. N	at. D.A. 2	1, 13-15
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									t communication to the applicant.				



Sheet 2 of 6

PADEMIA Docket No. (Optional) Application Number Form PTO-1449 P01952US0 09/517,981 INFORMATION DISCLOSURE CITATION Applicant: IN AN APPLICATION Julie A. Bearcroft et al. Group Art Unit Filing Date: (Use several sheets if necessary) March 3, 2000 U.S. PATENT DOCUMENTS FILING DATE EXAMINER CLASS **SUBCLASS** IF APPROPRIATE INITIAL DATE NAME **DOCUMENT NUMBER** 07/18/95 623 16 Christel et al. 5 4 3 3 5 5 08/01/95 Kroehl, et al. 423 171 5 4 3 7 8 131 White 428 5 5 0 10/03/95 4 5 1 0 428 370 8 9 7 10/17/95 Fujishiro et al. 5 4 5 31 7 2 10/31/95 Liu et al. 423 5 4 6 2 2 427 01/16/96 424 5 4 8 4 6 0 O'Leary, et al. 210 5 5 6 3 1 2 4 10/08/96 Damien et al. 514 424 426-2 0 03/25/97 Randolph et al. 5 6 1 4 6 422 5 6 1 8 5 4 04/08/97 Patat et al. 424 422 424 9 7 5 7 1 1 5 01/27/98 Patat et al. 5 7 5 6 1 2 7 05/26/98 Grisoni et al. 424; 489 5 0 7 5 6 7 09/15/98 Randolph et al. 424 426 BP 8 FOREIGN PATENT DOCUMENT(S) TRANSLATION COUNTRY CLASS SUBCLASS YES DOCUMENT NUMBER DATE BP \mathbf{X} 02/19/97 EPO EP 75 55 O B1 WO 9 7 2 0 24 07/24/97 **PCT** Abstr 6 Abstr. WO 9 8 3 4 6 54 08/13/98 PCT Х 59 7 09/28/84 JP JP 1 1 5 46 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Mitchell, David F. and Shankwalker, Govind B.; Osteogenic Potential of Calcium Hydroxide and Other Materials in Soft I. BP Tissue and Bone Wounds; J. Dent. Res.; 37, 1157-63 (1958). Frame, J. W.; Porous calcium sulphate dihydrate as a biodegradable implant in bone; J. of Dent. 3,177-187 (1975). J. Alderman, Norman E.; Sterile Plaster of Paris as an Implant in the Infrabony Environment: A Preliminary Study; J. K. Peridontal. 40, 11-13 (1969). Peltier, Leonard F.; The Use of Plaster of Paris to Fill Defects in Bone; Clin. Orthop. 21, 1-31 (1961). Ι. Biomaterials in Otology; Proc. of the First Intl. Symp. 'Biomaterials in Otology'4/21-23/83; Martinus Nijhoff Publ (1984) M. Ed. J. J. Grote; Högset, O. et al.; An Electrocochleographic Study of the Effect of Plaster of Paris Implanted in the Middle Ear of a Guinea Pig; 105-116. Shaffer, David and App, George R.; The Use of Plaster of Paris in Treating Infrabony Peridontal Defets in Humans; J. N. Peridontal. 42, 685-690 (1971). Peltier, Leonard F.; The Use of Plaster of Paris to Fill Large Defects in Bone; Am. J. of Surg. 9, 311-315 (1959). O. Peltier, L. F. et al.; The Use of Plaster of Paris to Fill Defects in Bone; Ann. of Surg. 146, 61-69 (1957) P. Beeson, William H.; Plaster of Paris as an Alloplastic Implant in the Frontal Sinus; Arch Otolaryngol, 107, 664-669 (1981). Q. Coetzee, Andries S.; Regeneration of Bone in the Presence of Calcium Sulfate; Arch Otolaryngol, 106, 405-409 (1980). DATE CONSIDERED EXAMINER Pellegrino

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 3 of 6 Docket No. (Optional) Application Number Form PTO-1449 09/517,981 P01952US0 INFORMATION DISCLOSURE CITATION Applicant: IN AN APPLICATION Julie A. Bearcroft et al. Group Art Unit Filing Date: (Use several sheets if necessary) March 3, 2000 **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER CLASS SUBCLASS IF APPROPRIATE DATE NAME INITIAL DOCUMENT NUMBER 09/14/76 1.91 Zeibig et al. BP 08/09/94 Ersek et al. 11/26/91 Ersek et al. 09/16/86 Brown et al. 12/15/87 Draenert 11/29/88 Haris 02/28/89 Tepic 05/09/89 Müller-Lierheim 05/30/89 Brantigan 07/11/89 Takai et al. 11/14/89 Constantz 10/02/90 Atsumi 05/14/91 Bruce et al. 09/10/91 Constantz 08/25/92 Takagi et al. 09/15/92 Bohler et al. 01/12/93 Ahlers 05/18/93 Tepic et al. BP 11/02/93 Ersek et al. FOREIGN PATENT DOCUMENT(S) TRANSLATION SUBCLASS YES No DOCUMENT NUMBER DATE COUNTRY CLASS 23.10.85 EP 9. 31.01.80 FR Х FR X 12.07.79 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Radentz, William H.; The Implantation of Plaster of Paris in the Alveolar Process of the Dog; J. Peridont. 36, 357-364 S. BP BP T. Bahn, Saul L.; Plaster: A bone substitute; O.S., O.M. & O.P. 21, 672-681 (1966). DATE CONSIDERED EXAMINER

Sheet 4 of 6

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket No. (Optional) P01952US0

PADAMARK OF

Application Number 09/517,981

Applicant:

Julie A. Bearcroft et al.

Filing Date:
March 3, 2000

Group Art Unit

U.S. PATENT DOCUMENTS

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BP	5	2	8	2	8	6	1	02/01/94	Kaplan	623	16	
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	3	2	7	9	9	9	8	10/18/66	A.M. Raff et al.	167	82	
	3	6	3	2	7	3	9	01/04/72	S.S. Kornblum, et al.	424	19	
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FOREIGN PATENT DOCUMENT(S)

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Sheet 5 of 6

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Applicant:

Julie A. Bearcroft et al.

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		4	9	7	3	5	0	3	11/27/90	Hotchkiss	428	36.4	
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